

Deepti Shanbhag

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WORK EXPERIENCE

Full Stack Intern | Pratt and Whitney

Jan 2024 - Jul 2024

- Applied hands-on learning and Agile methodology to develop web applications using VueJS and desktop applications using Electron and SQL for company-wide usage.
- Contributed to development of applications using HTML5, CSS3, ReactJS, VueJS, JavaScript, Bootstrap and NodeJS within a dynamic professional setting.
- Devised, implemented, and documented over 50 unit test cases for webpages using Jest and RTL.

Teaching Assistant | PES University

Aug 2023 - Dec 2023

- Assisted Prof. P Kokila for the course 'Machine Intelligence' at PES University.
- Developed, instructed, and evaluated course assignments for 3rd year B.Tech. CSE Students.

SKILLS

- **Programming:** SQL, Python, JavaScript, HTML, CSS, Java, C
- **Tools & Technologies:** Git, AWS, Linux, ReactJS, NodeJS, NextJS, VueJS, Electron, Express, MongoDB, MySQL, NumPy, Pandas, PyTorch, Flask, Figma
- **Languages:** English, Hindi, Kannada, Konkani
- **Soft Skills:** Teamwork, Attention to Detail, Leadership, Adaptability, Problem-solving

PROJECTS

AI-Based Job Recommendation System using Artificial Bee Colony Optimization | [link](#)

2024

NLP / BERT / Swarm Optimization / Python / Keyword Extraction

- Content-based job recommendation system that employs NLP keyword extraction and BERT.
- Recommendations are optimized by ABC algorithm and top 10 recommendations are displayed
- Published in Springer "Lecture Notes in Networks and Systems"

Customized Crossword Generator | [link](#)

2023

Flask / HTML / CSS / NLTK

- A website that generates a new crossword puzzle on refreshing the page, with corresponding clues.

Sudoku Generation and Solver using Backtracking | [link](#)

2021

Python / PyGame / BS4

- Fetching a sudoku puzzle from a curated web archive of sudoku puzzles based on difficulty level.
- Finding the solution to the puzzle using backtracking.

EDUCATION

B.Tech. CSE | PES University

2020 - 2024

Computer Science Engineering with a special focus on Machine Intelligence & Data Science

GPA: 8.76

Pre-University Karnataka State | Chethana PU College

2018 - 2020

12th Grade (PCMB)

92%

Central Board of Secondary Education (CBSE) | Sindhi High School

2015 - 2018

10th Grade

97%

EXTRACURRICULARS

- Design & Social Media Head at PESU IEEE Photonics Club
- Event Lead for Photography Contest at Maaya23
- Member of Clefhangers - Acapella Club

ACHIEVEMENTS

- MRD Scholarship (Top 5% students for SGPA)
- DAC Scholarship (Merit certificate for >8.5 SGPA)